

## A METHOD FOR PRODUCING TITANIUM OXIDE

## Abstract of the disclosure

A titanium oxide showing photocatalytic activity and  
5 having a narrow particle diameter distribution can be  
produced by a method comprising the steps of (i) inertly  
heating to a temperature of at least about 60 °C , a  
composition comprising a titanium compound and a solvent;  
(ii) reacting the titanium compound with a base at a  
10 temperature of at least about 60 °C; and (iii) calcining the  
reaction product.